

SEAL FOR ELECTROCHEMICAL CELL

ABSTRACT

The invention is an injection-molded thermoplastic seal member for use in an electrochemical cell and a cell containing the seal member. The thermoplastic material comprises a mixture of a polyolefin matrix, comprising more than 30 weight percent of the thermoplastic material, and an aromatic polymer having a repeating unit that comprises at least one aromatic functional group. The material has excellent molding properties and results in a seal member that forms a superior compressive seal in the electrochemical cell.